



1/19

FIG. 1

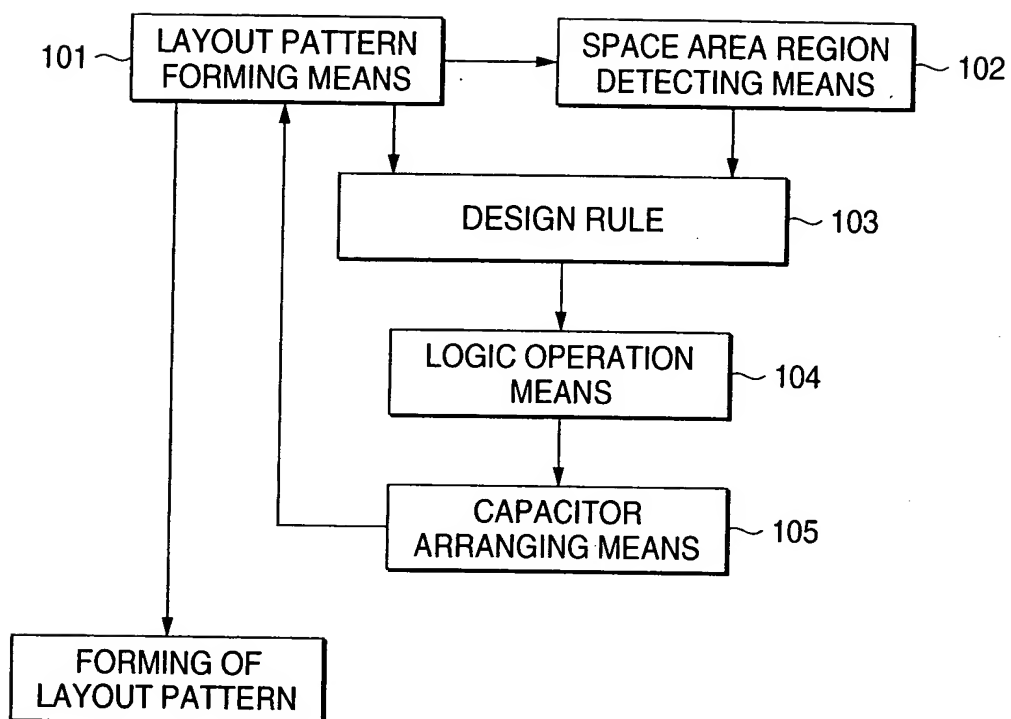


FIG. 2

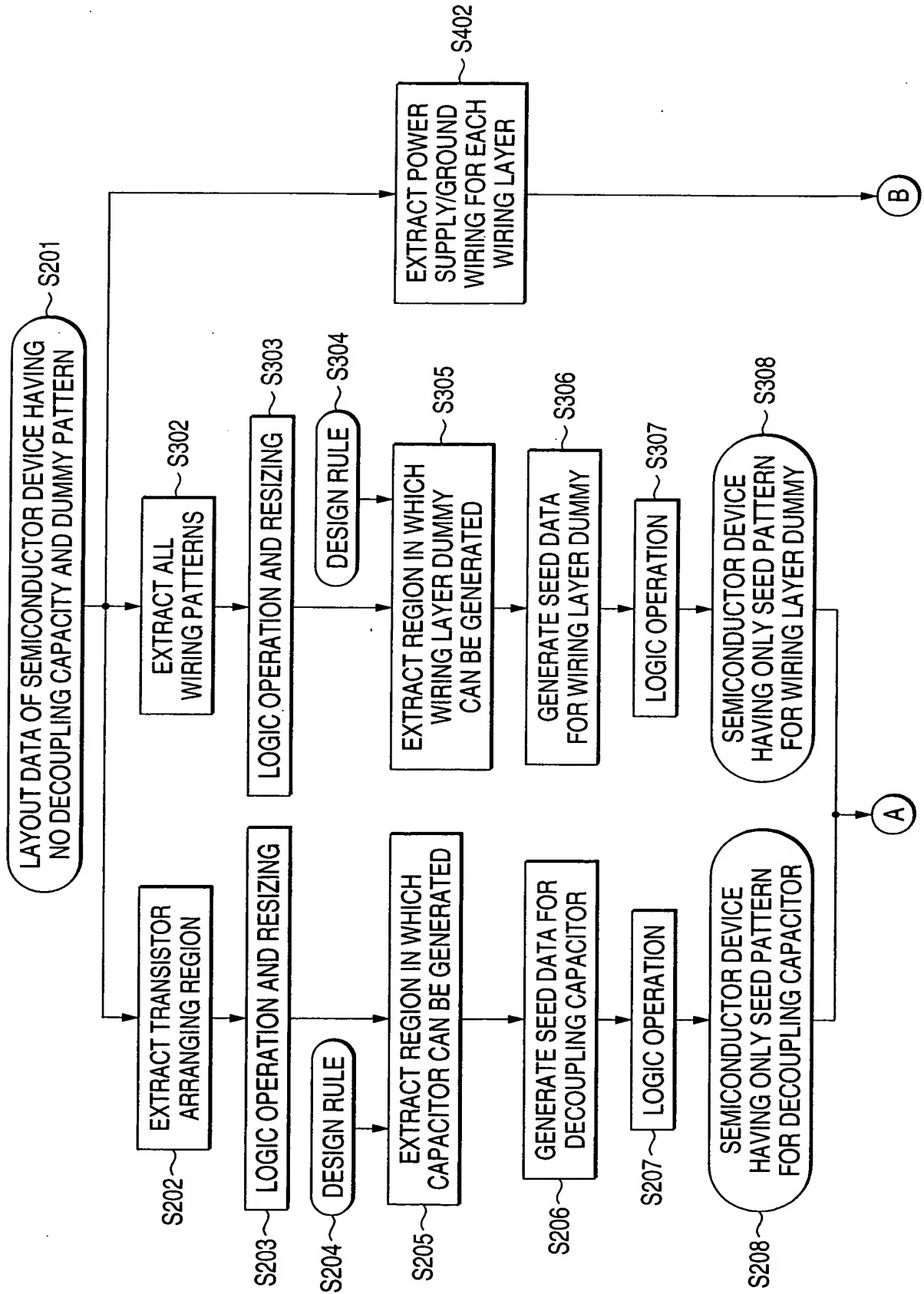


FIG. 3

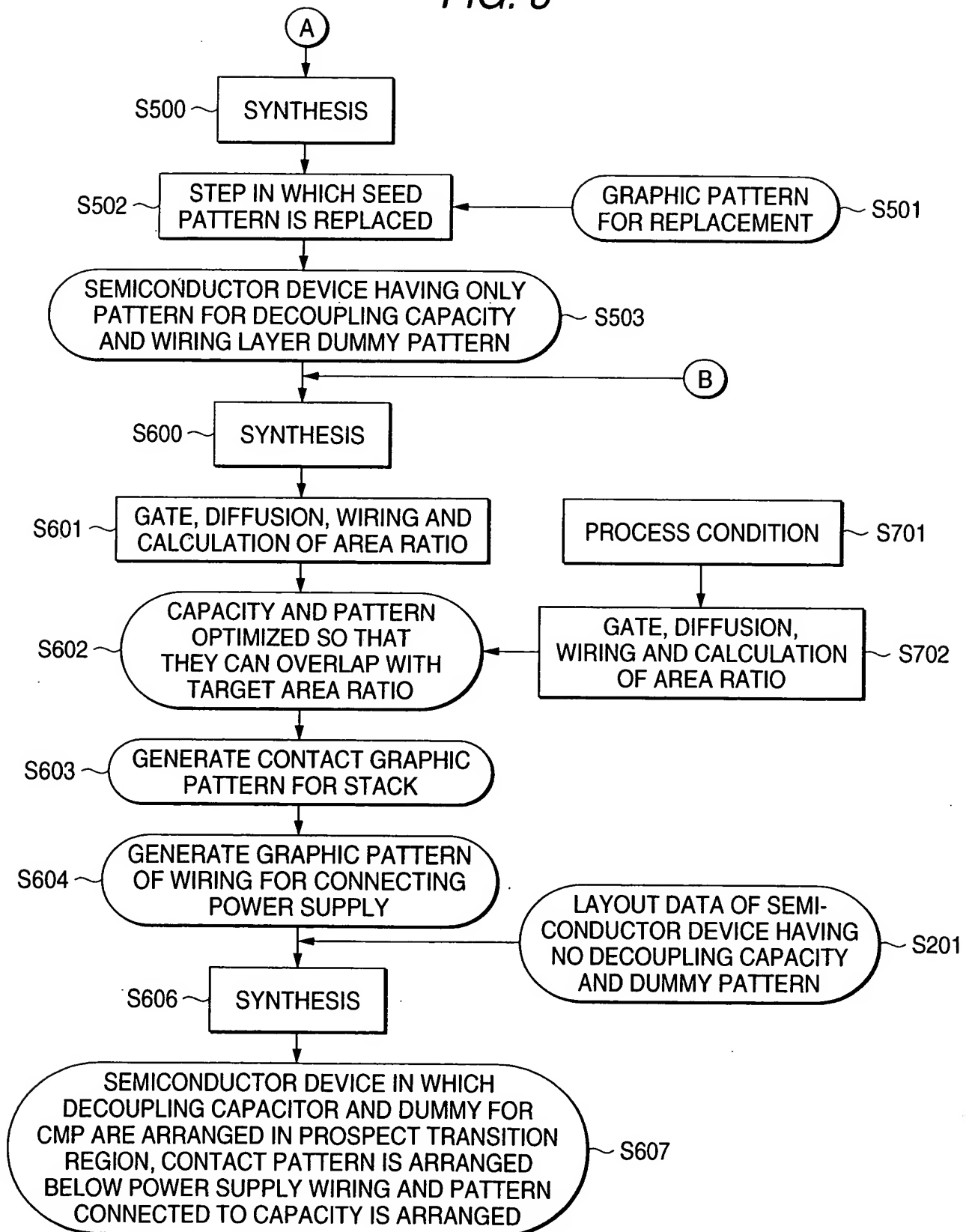


FIG. 4

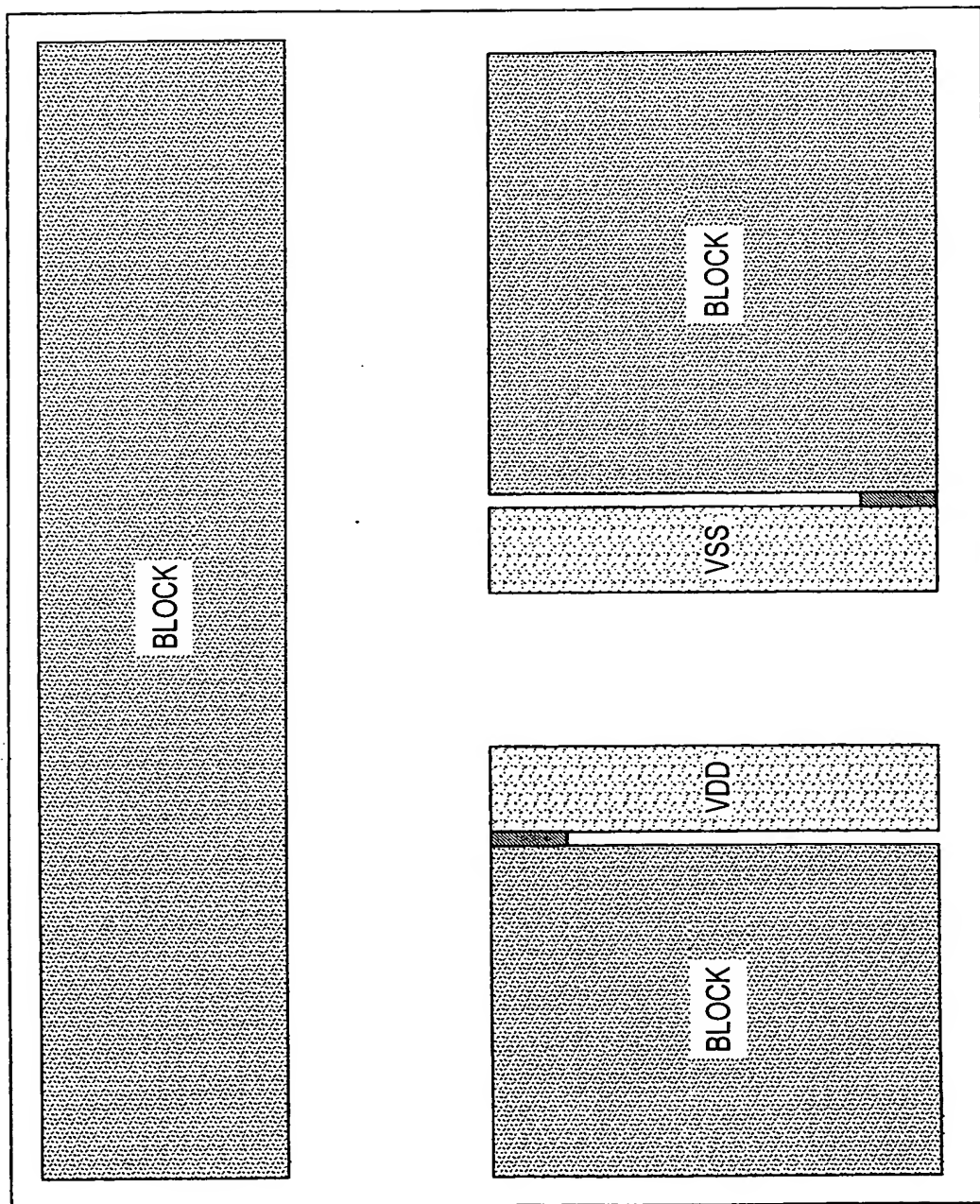


FIG. 5

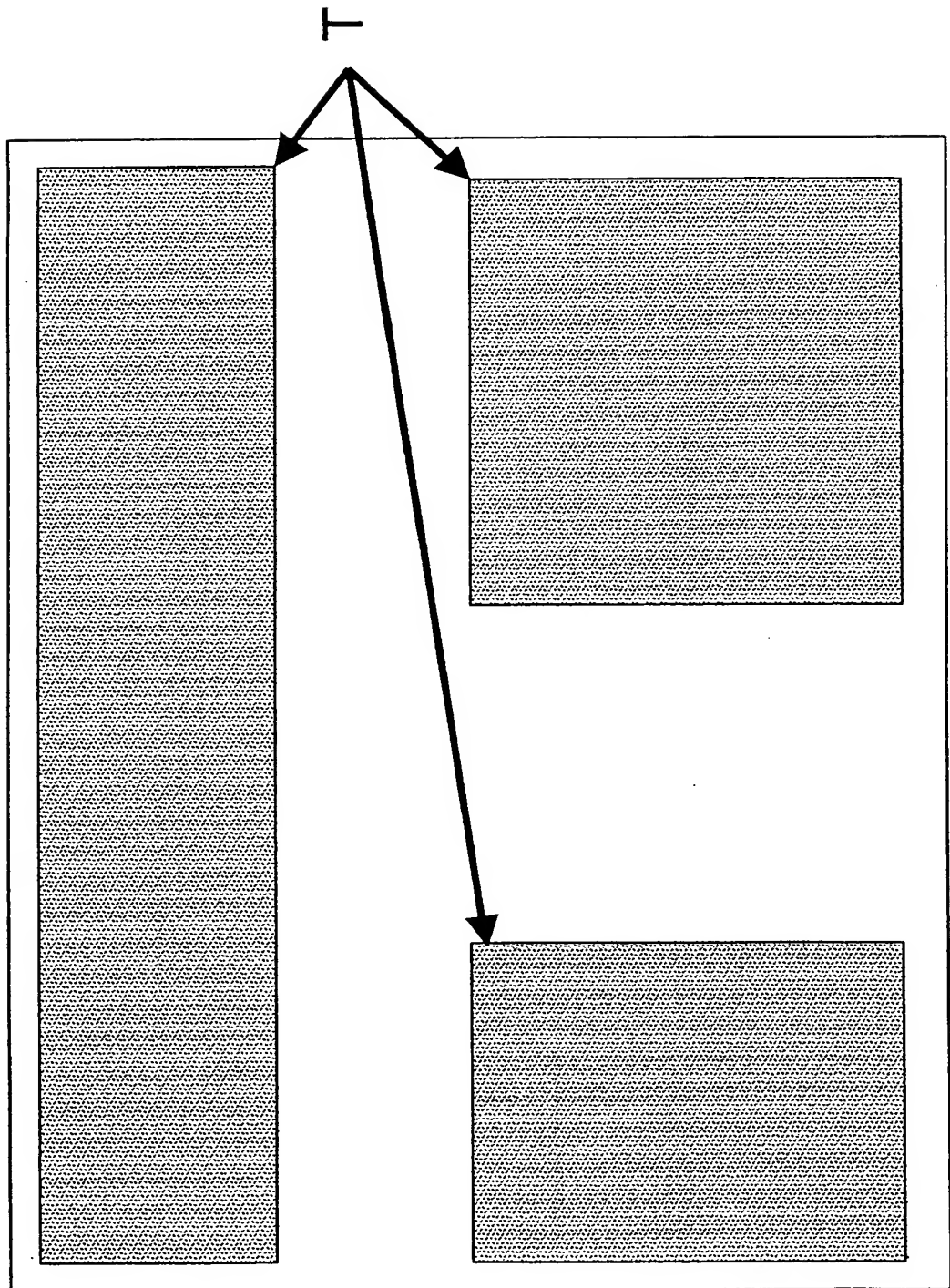


FIG. 6

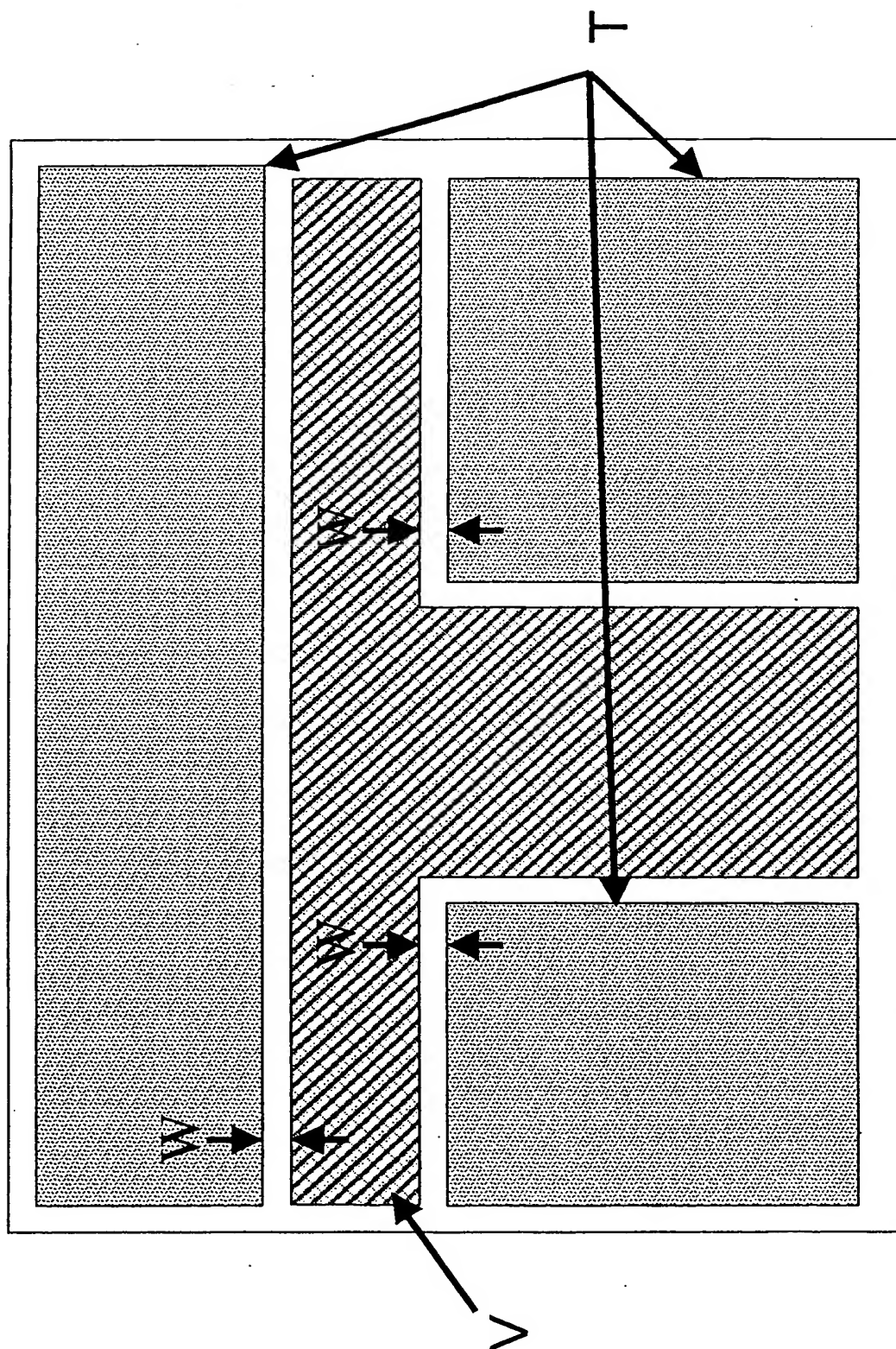


FIG. 7

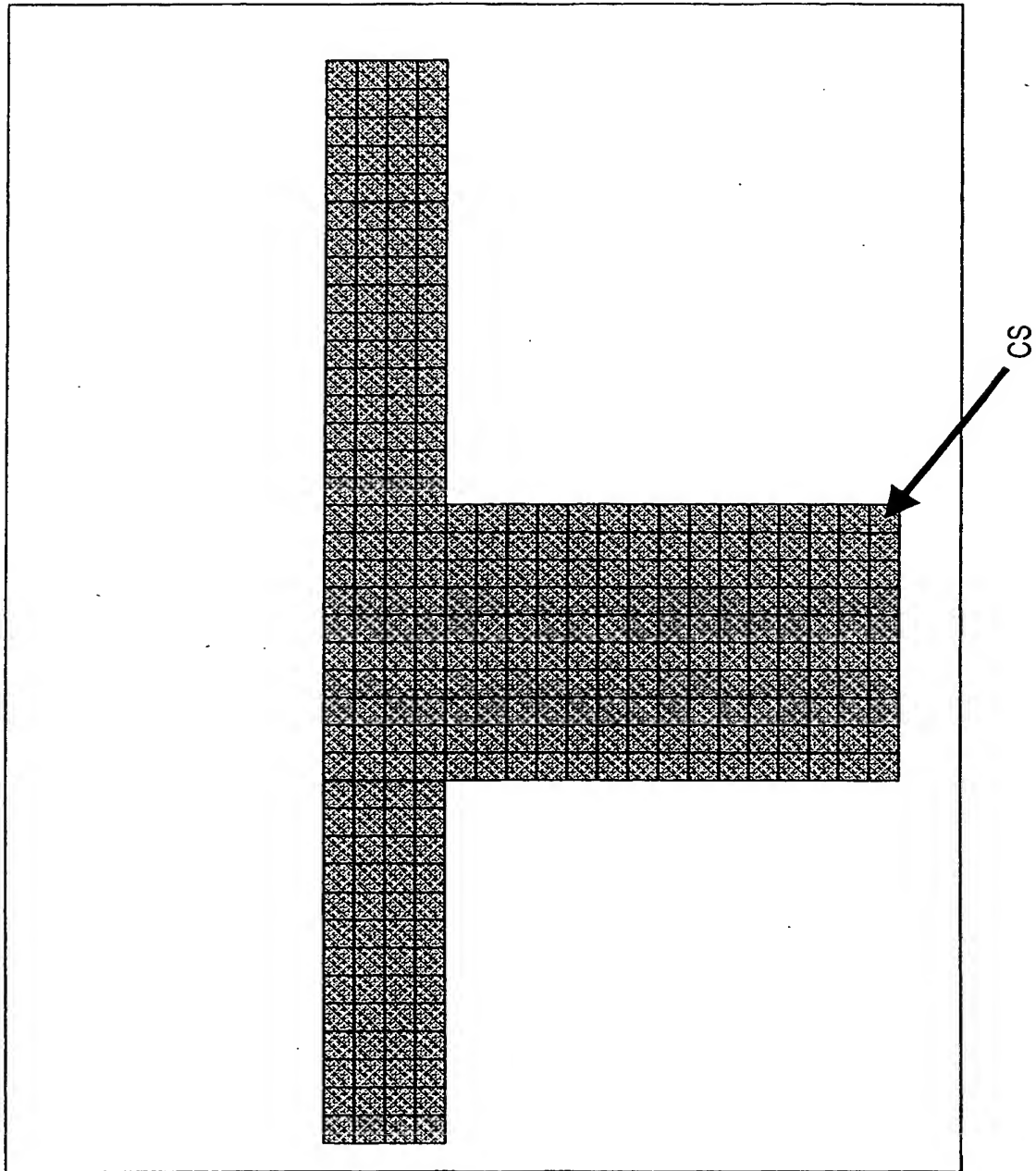


FIG. 8

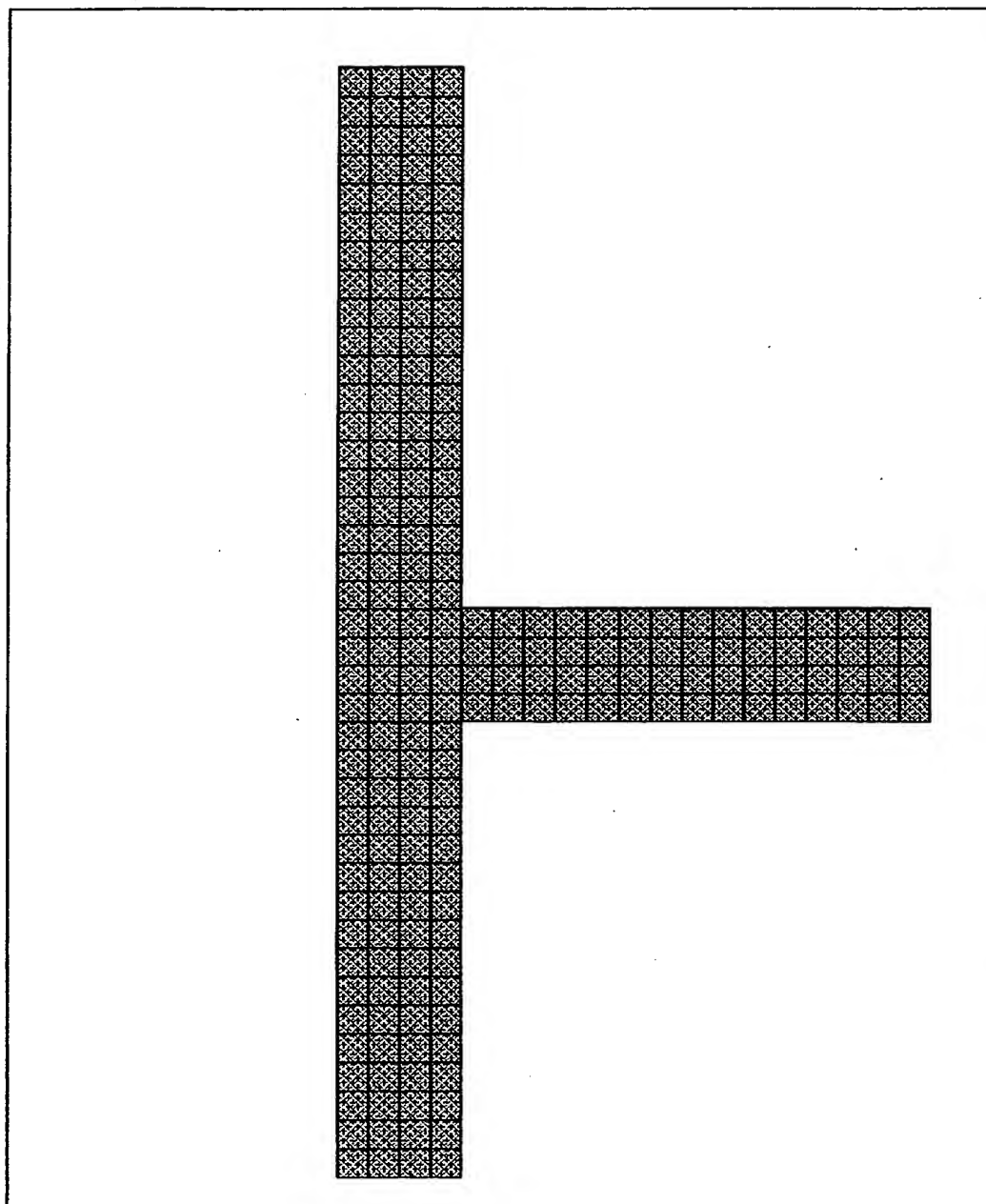




FIG. 9

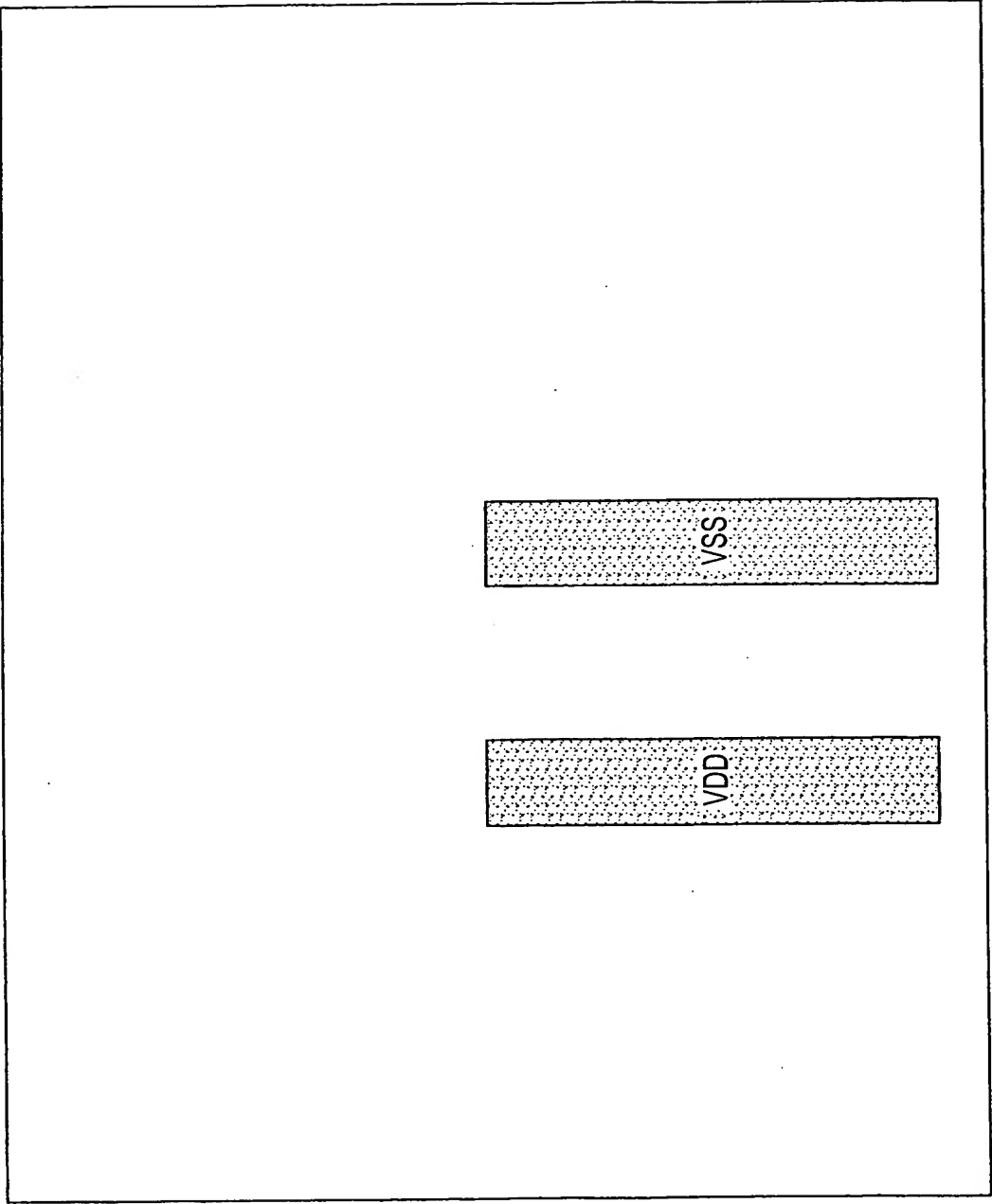
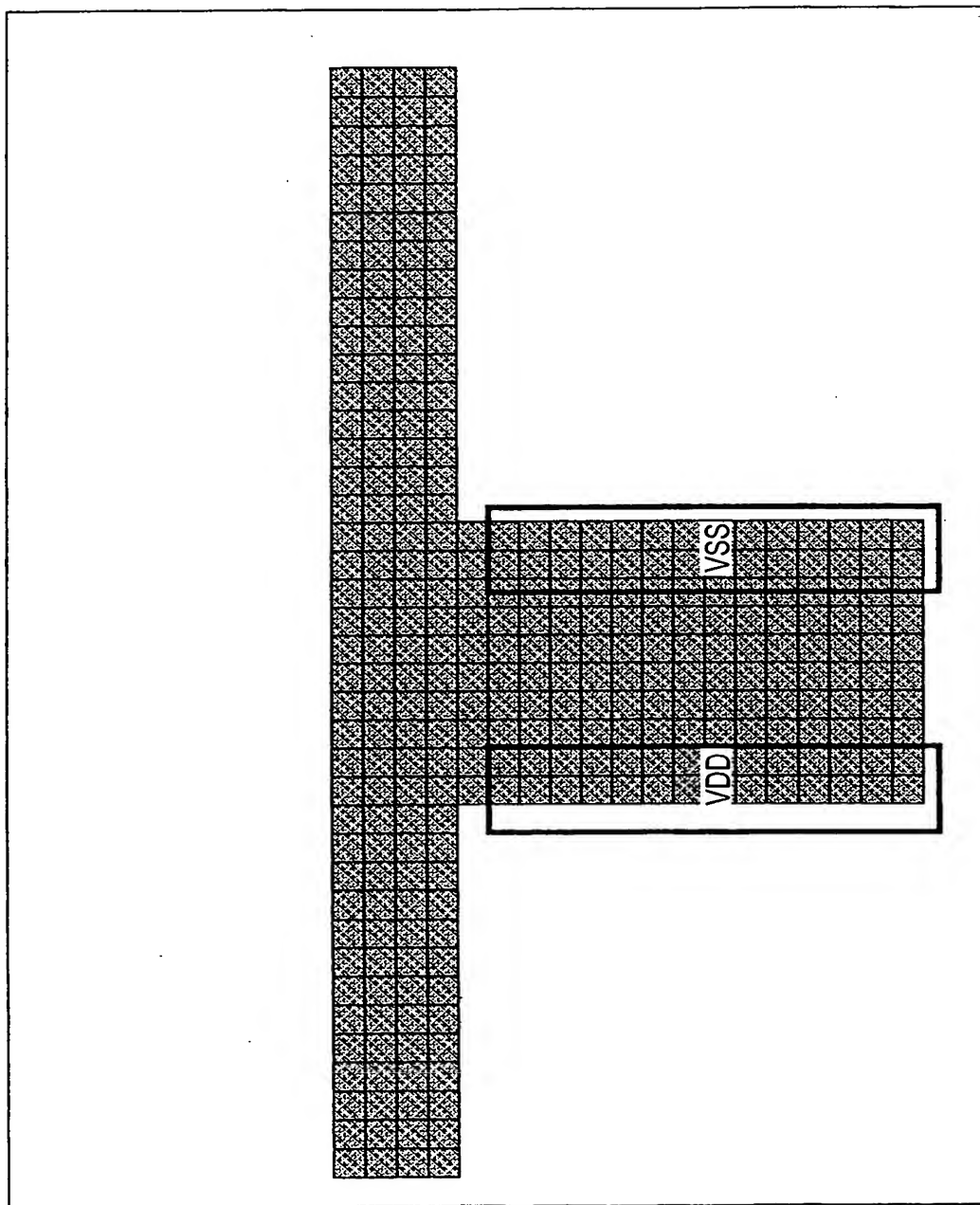
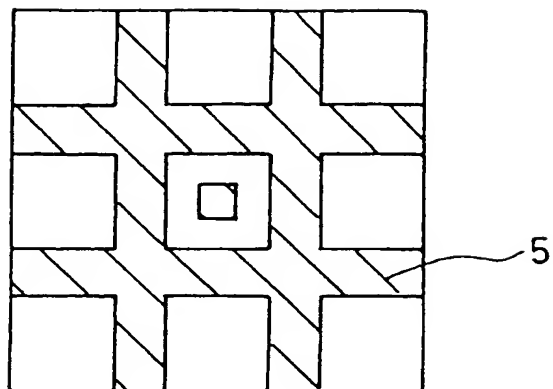


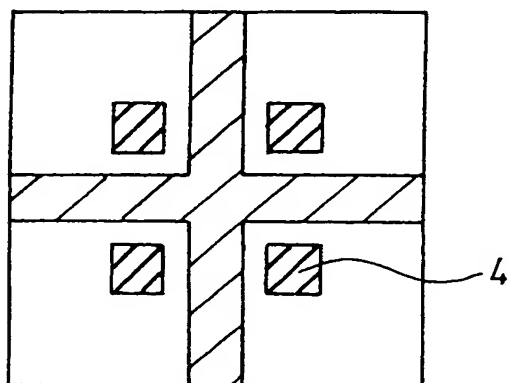
FIG. 10



**FIG. 11 (a)**



**FIG. 11 (b)**



**FIG. 11 (c)**

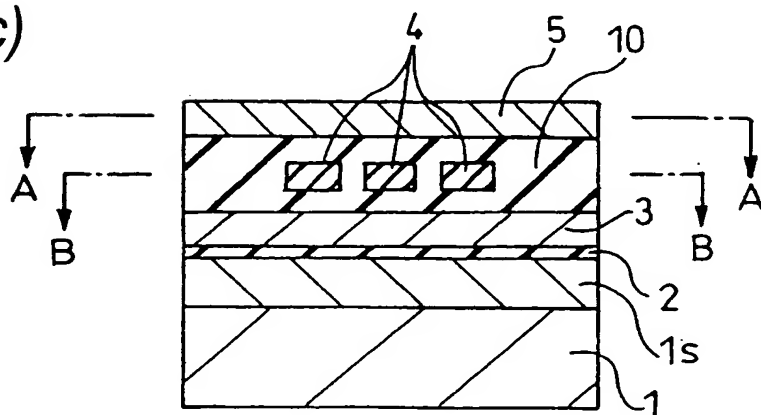


FIG. 12 (a)

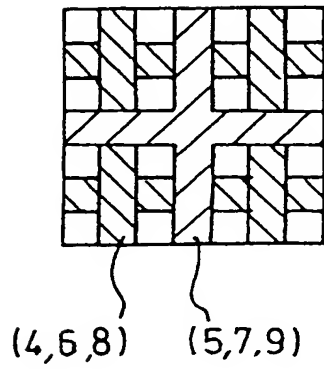


FIG. 12 (b)

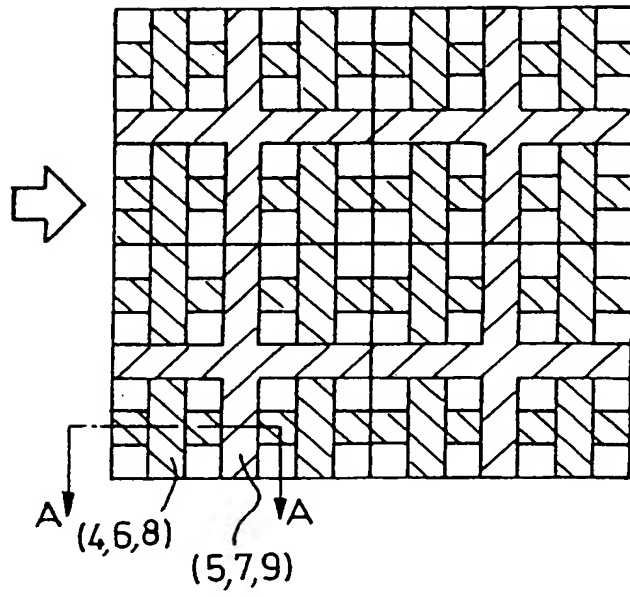
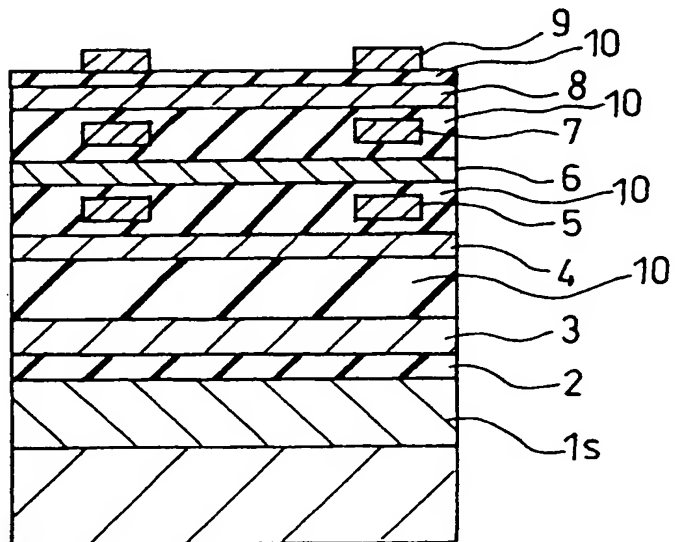
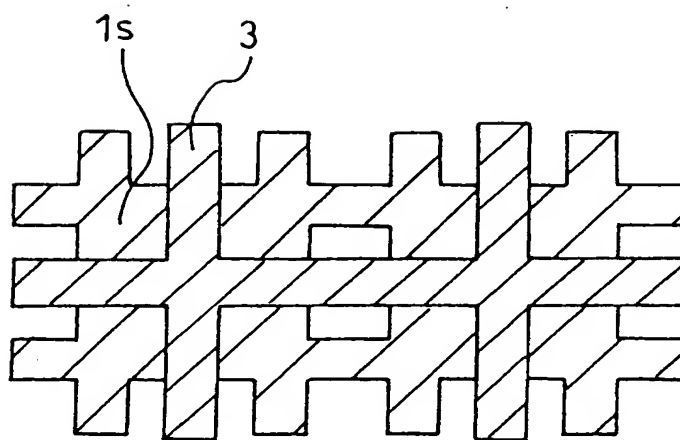


FIG. 12 (c)



*FIG. 13*



*FIG. 14*

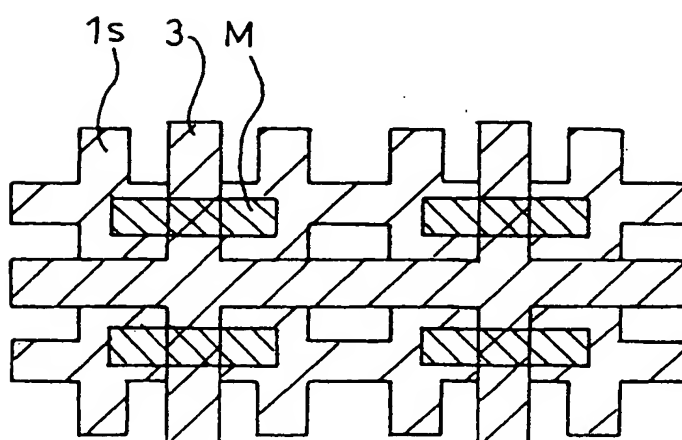


FIG. 15

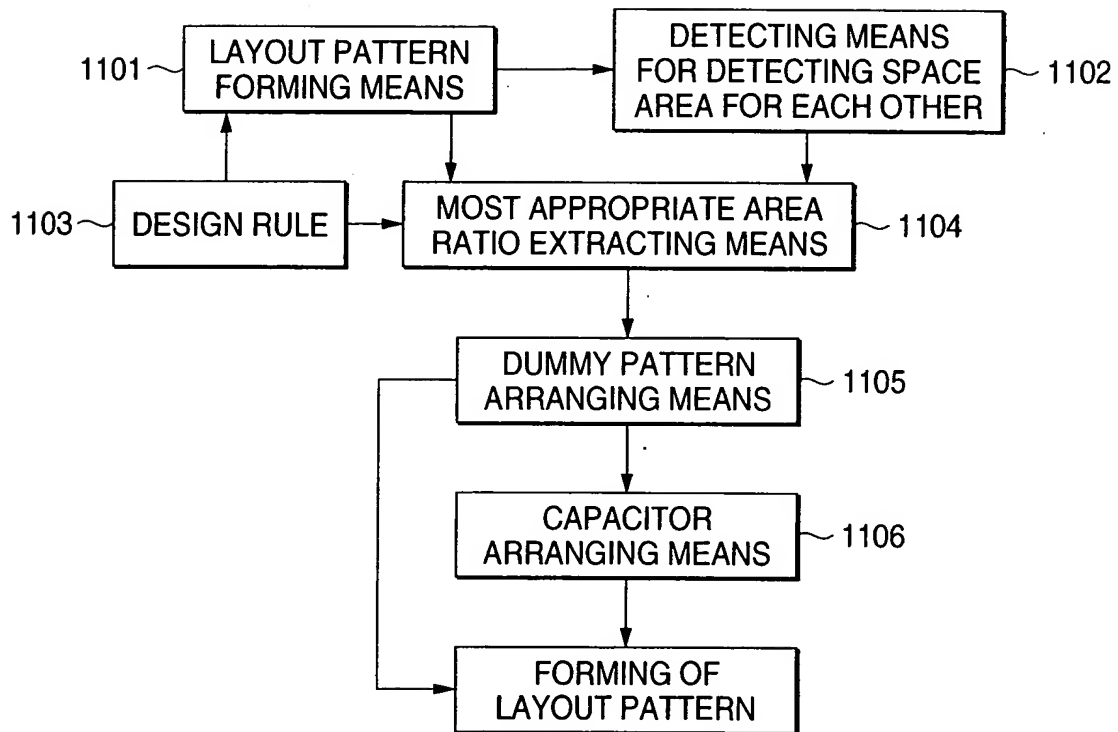


FIG. 16

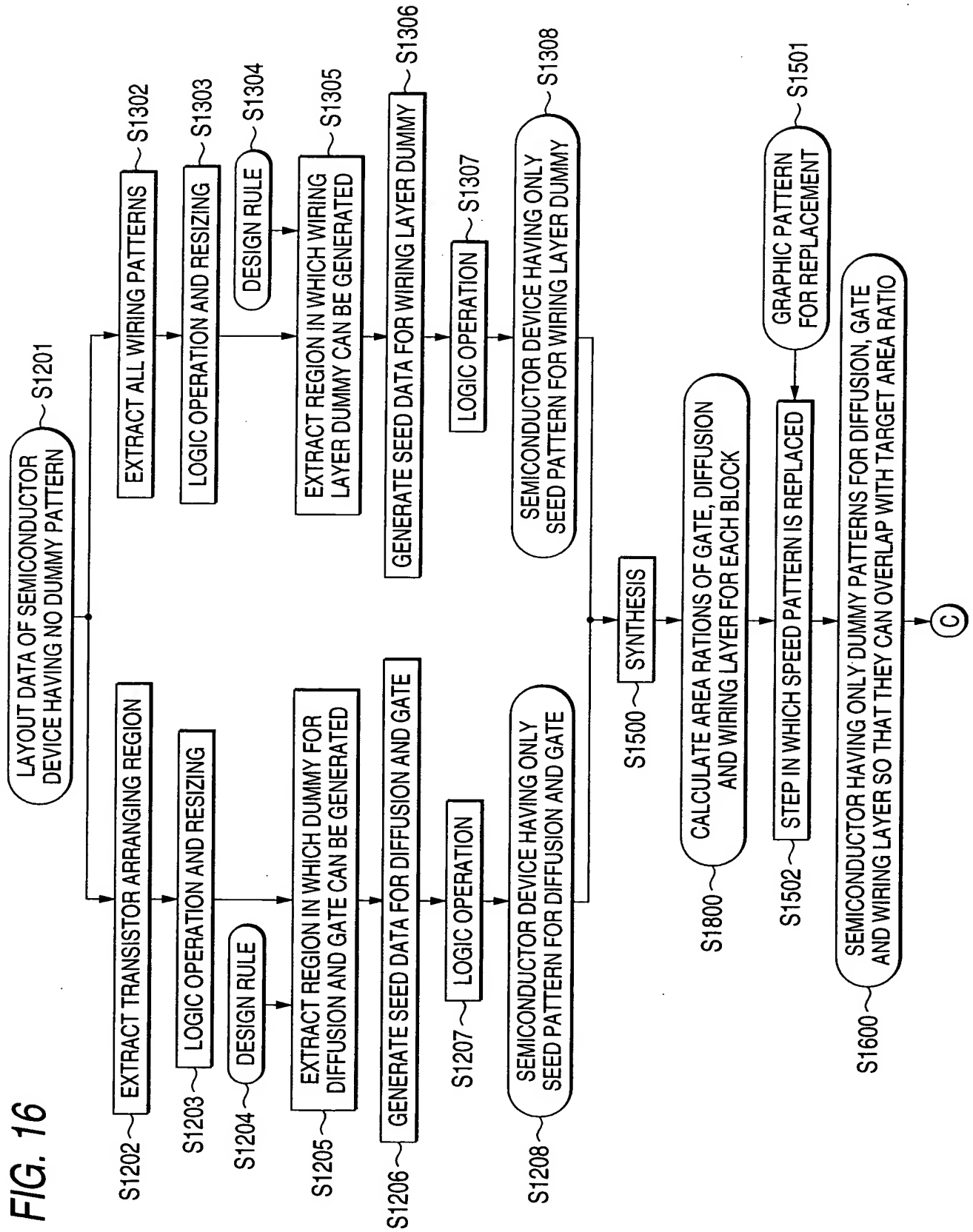


FIG. 17

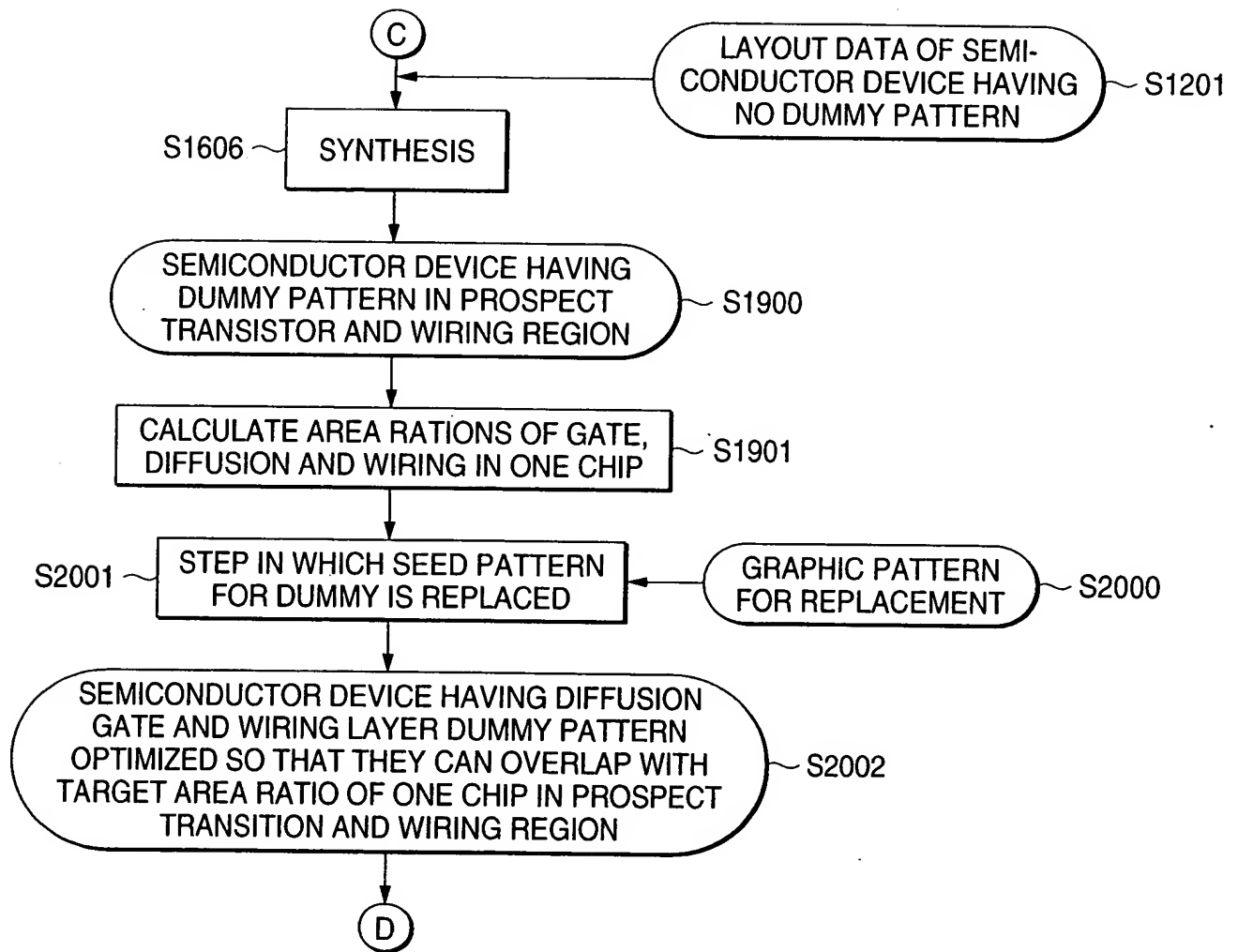




FIG. 18

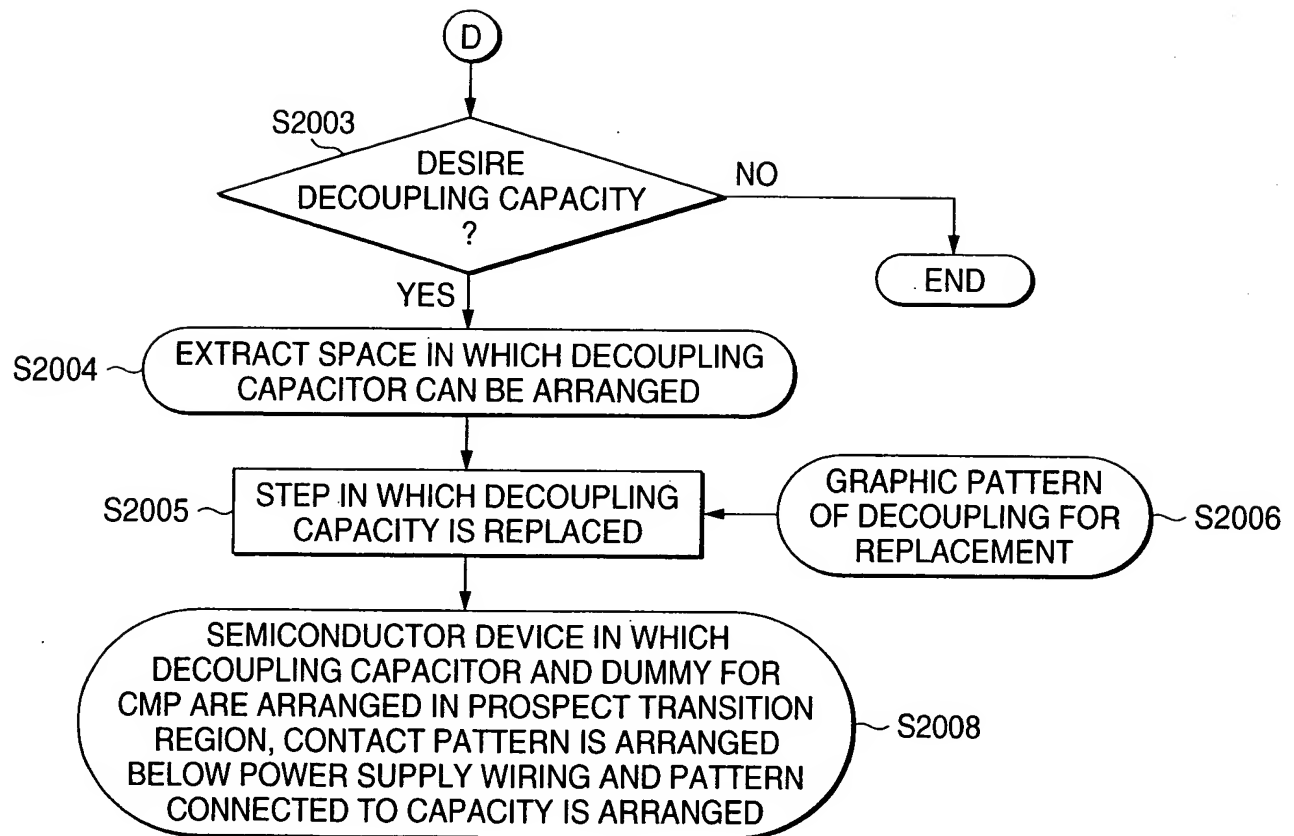


FIG. 19

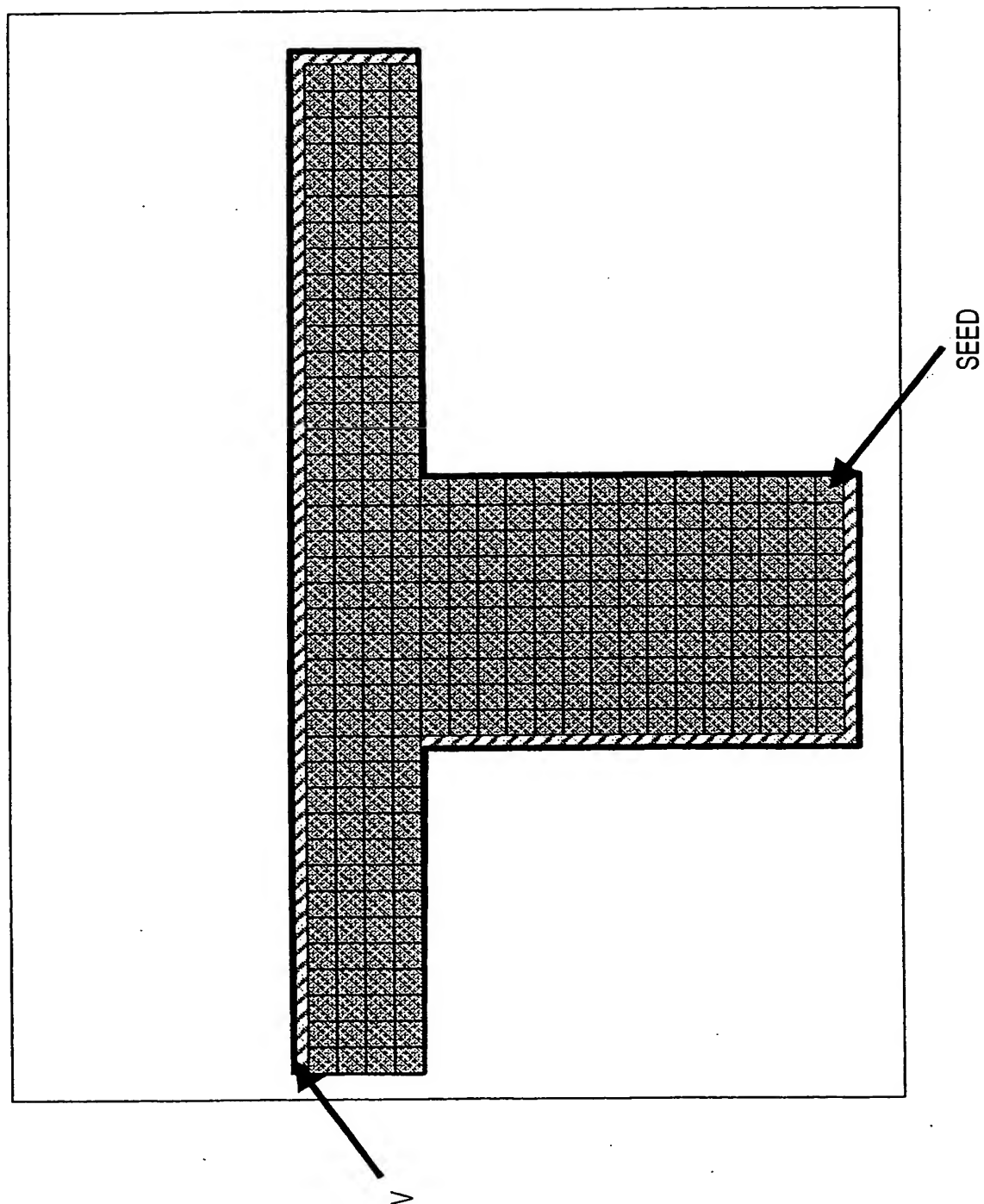
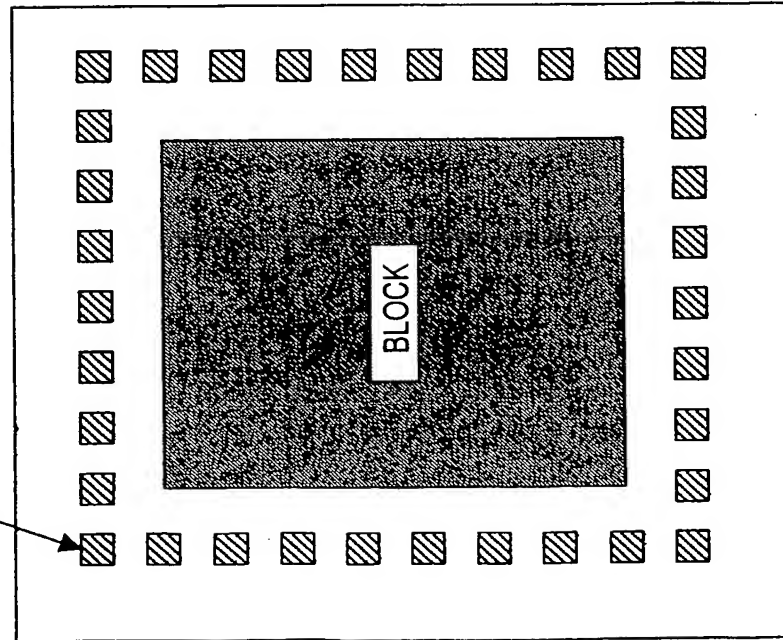


FIG. 20 (a)

DUMMY PATTERN D1

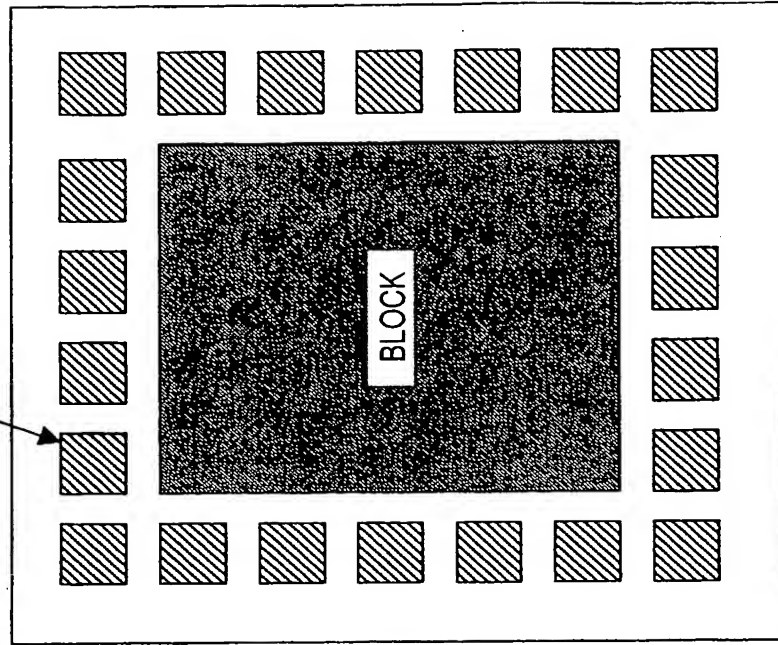
IN THE CASE WHERE AREA RATIO IS  
TOO LOW, DUMMY CELL IS REPLACED  
WITH ONE OF HIGH DENSITY



AREA RATIO IS TOO LOW

FIG. 20 (b)

DUMMY PATTERN D2



MOST APPROPRIATE AREA RATIO